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## (54) GAS-BARRIER FILM AND ITS PRODUCTION

### (57)Abstract:

PURPOSE: To obtain a transparent film excellent in oxygen barrier properties and useful for retortable pouch by forming a thin film of a specified inorganic oxide on at least either surface of a plastic film.

CONSTITUTION: A thin inorganic oxide film containing at least 30wt.% Si and its oxide and at most 70wt.% another inorganic substance and/or an inorganic oxide (e.g. MgO) and containing 0.1-10wt.% at least one member (e.g. Na<sub>2</sub>SiO<sub>3</sub>) selected from among an alkali (alkaline earth) metal, a substantially basic substance and oxides thereof is formed on at least either surface of a plastic film (e.g. PET film).

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